

# Work Order ID 80726

**\*80726\***

Page 1

February-28-12 10:32:01 AM

Item ID: D4150-041

Accept

**\*N900040100\***

Setup Start **\*NS1\***

Revision ID:

Stop **\*NS2\***

Item Name: Attachment Arm Assembly

Start Date: 28/02/2012 Start Qty: 2.00

**\*2\***

Cust Item ID:

Required Date: 13/03/2012 Req'd Qty: 2.00

**\*2\***

Customer:

Reference:

Approvals: Process Plan: MLJ

Date: 12/02/28 Tooling:

Date:

Run Start **\*NR1\***

QC:

Date:

SPC (Y/N):

Date:

Stop **\*NR2\***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr

Revision Nbr

D4150

B

100

0.00

**\*100\***

Small Fab

Memo

0.00

Small Fab

1- Assemble as per dwg

110

QC5- Inspect part completeness to step on W/O

0.00

**\*110\***

QC

Memo

0.00

Quality Control

120

Identify as per dwg & Stock Location: B4

0.00

**\*120\***

Packaging

Memo

0.00

Packaging

*EB 12/03/08 (2)*

*Sc 12/03/08*

*(2)*

*12/3/08 (2)*

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

**Work Order ID 80726****\*80726\***

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Item ID: D4150-041

Accept

**\*N900040100\***

Setup Start

**\*NS1\***

Revision ID:

Stop

**\*NS2\***

Item Name: Attachment Arm Assembly

Start Date: 28/02/2012 Start Qty: 2.00

**\*2\***

Cust Item ID:

Required Date: 13/03/2012 Req'd Qty: 2.00

**\*2\***

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start

**\*NR1\***

QC:

Date:

SPC (Y/N):

Date:

Stop

**\*NR2\***Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run Hours

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

130

QC21- Final Inspection - Work Order Release

0.00

**\*130\***

QC

Memo

0.00

Quality Control

MLJ 12/03/09

112-039

W/O:		WORK ORDER CHANGES					
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Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

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**NOTE:** Date & initial all entries

# Picklist Print

February-28-12 10:32:05 AM

Page 1

Work Order ID: 80726

\*80726\*

Parent Item: D4150-041

\*D4150-041\*

Parent Item Name: Attachment Arm Assembly

Start Date: 28/02/2012

Required Date: 13/03/2012

Start Qty: 2.00

Required Qty: 2.00

Comments: IPP Rev:A 10.06.24 new issue DD verf:EC  
IPP Rev:B 10.07.22 as per revB DD verf:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
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AN3C13A		Purchased	No			100	Each	65.0000	2	4			
<b>*AN3C13A*</b> Bolt													

Location	Loc Qty	Loc Code
ST351	65	
117366	15	
120630	50	

D4150-1		Manufactured	No			100	Each	3.0000	1	2			
<b>*D4150-1*</b> Arm													

Location	Loc Qty	Loc Code
ST133	3	
76301	3	

D4150-3		Manufactured	No			100	Each	0.0000	2	4			
<b>*D4150-3*</b> Arm Plate													

3 80739 (40) \*\*

EP 12/03/08

4

EP 12/03/08

2

EP 12/03/08

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

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**NOTE:** Date & initial all entries

# Picklist Print

February-28-12 10:32:05 AM

Page 2

Work Order ID: 80726

\*80726\*

Parent Item: D4150-041

\*D4150-041\*

Parent Item Name: Attachment Arm Assembly

Start Date: 28/02/2012

Required Date: 13/03/2012

Start Qty: 2.00

Required Qty: 2.00

MS21043-3

Purchased

No

100

Each

1,241.000

2

4

\*MS21043-3\*

Nut

\*\*

12/03/08

Location

Loc Qty

Loc Code

FG

72

103691

72

GA

400

120693

400

ST300

276

119901

276

ST301

493

118077

2

118614

441

118686

30

119758

20

1120693  
(47)

NAS1149C0332R

Purchased

No

100

Each

4,589.000

4

8

\*NAS1149C0332R\*

Washer

\*\*

12/03/08

Location

Loc Qty

Loc Code

ST297

4589

118354

607

119736

196

120648

3786

8

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

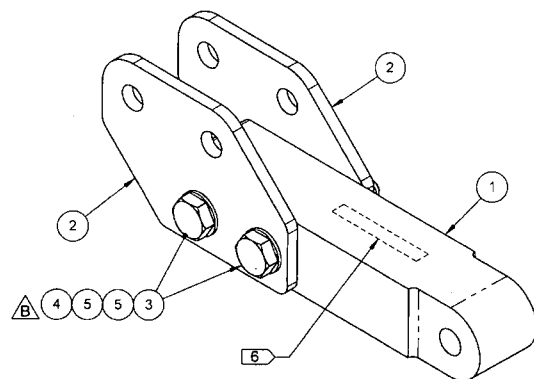
Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

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**NOTE:** Date & initial all entries





**D4150-041 ATTACHMENT ARM ASSY**

ITEM	QTY -041	P/N	DESCRIPTION
	X	D4150-041	ATTACHMENT ARM ASSY
1	1	D4150-1	ARM
2	2	D4150-3	ARM PLATE
3	1	AN3C13A	BOLT
4	1	MS21043-3	NUT
5	2	NAS1149C0332R	WASHER

80726 HLT  
12/02/28

**RELEASED**  
2010-07-16

**NOTES:**

- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D4150-041" USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT: 0.82 lbs

B	REPLACED QTY(3) MS20515-4M20 WITH QTY(2) EACH AN3C13A, MS21043-3 AND QTY(4) NAS1149C0332R WASHER (ZN D3-1); Ø0.191 2 PL REPLACES Ø0.129 3 PL (ZN C6-2, C7-2, B4-3 & B5-3). REASON: SEE TR-D350-607-2 REV. B.		MB	10.07.08
A	NEW ISSUE		MB	10.06.18
REV.	DESCRIPTION		BY	DATE
DESIGN	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA		REV. B	
DRAWN			DRAWING NO. D4150	
CHECKED			SHEET 1 OF 3	
MFG. APPR.			TITLE ATTACHMENT ARM ASSY	
APPROVED			SCALE NTS	
DE APPR.	DATE: 10.07.08		<small>COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	

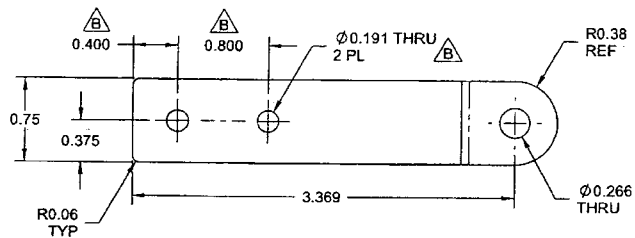
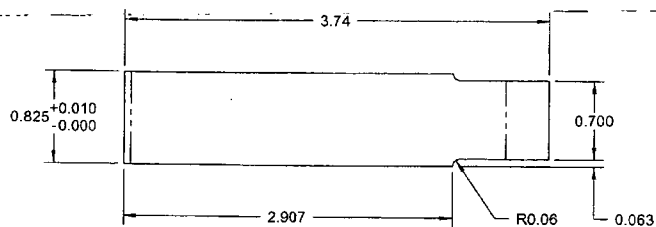
W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

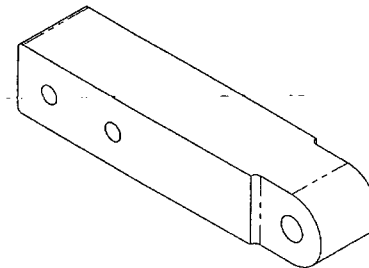
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**NOTE:** Date & initial all entries



**D4150-1 ARM**



80726

**RELEASED**  
2010-07-16  
MP

**NOTES:**

- 1) MATERIAL: 303/304/316 STAINLESS STEEL BAR PER ASTM A582 OR ASTM A276  
REF DART SPEC M304B OR M303B
- 2) FINISH: NONE
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK ALL SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: 0.60 lbs

DESIGN		<b>DART AEROSPACE LTD</b>	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO. <b>D4150</b>	REV. B
MFG. APPR.			SHEET 2 OF 3
APPROVED		TITLE	SCALE
DE APPR.		<b>ATTACHMENT ARM ASSY</b>	NTS
DATE	<b>10.07.08</b>	<small>COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSES OR COPIED OR DISSEMINATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	

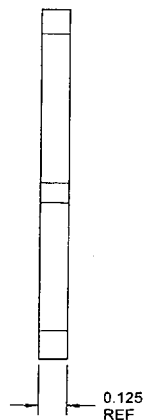
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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			


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80726

RELEASED  
2010-07-16

2) FINISH: NONE  
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED  
4) UNITS: INCHES UNLESS OTHERWISE NOTED  
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX  
6) IDENTIFICATION: NONE  
7) WEIGHT: 0.10 lbs

DESIGN			<b>DART AEROSPACE LTD</b>	
DRAWN			HAWKESBURY, ONTARIO, CANADA	
CHECKED			DRAWING NO.	REV. B
MFG. APPR.			D4150	SHEET 3 OF 3
APPROVED			TITLE	SCALE
DE APPR.			<b>ATTACHMENT ARM ASSY</b>	NTS
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Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

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